

## TELECOMMUNICATIONS GATEWAY

### Abstract of the Disclosure

A telecommunications gateway enables the conversion of signaling information from one protocol to another. The telecommunications gateway is in communication with a plurality of customer equipment devices having different customer protocols. The telecommunications gateway is also in communication with a plurality of service provider equipment devices having different service provider protocols. The telecommunications gateway comprises a plurality of protocol handlers, wherein each protocol handler is associated with a given customer protocol or service provider protocol, and a plurality of operation modules in communication with each of the protocol handlers. Each of the protocol handlers is configured to convert input signals in conformance with the associated protocol to a generic information format. In addition, each of the protocol handlers is configured to convert information from the generic information format to output signals in conformance with the associated protocol. Each of the operation modules is configured to perform a telecommunications operation using information in the generic information format.